

Project Design Phase II
Data Flow Diagram & User Stories

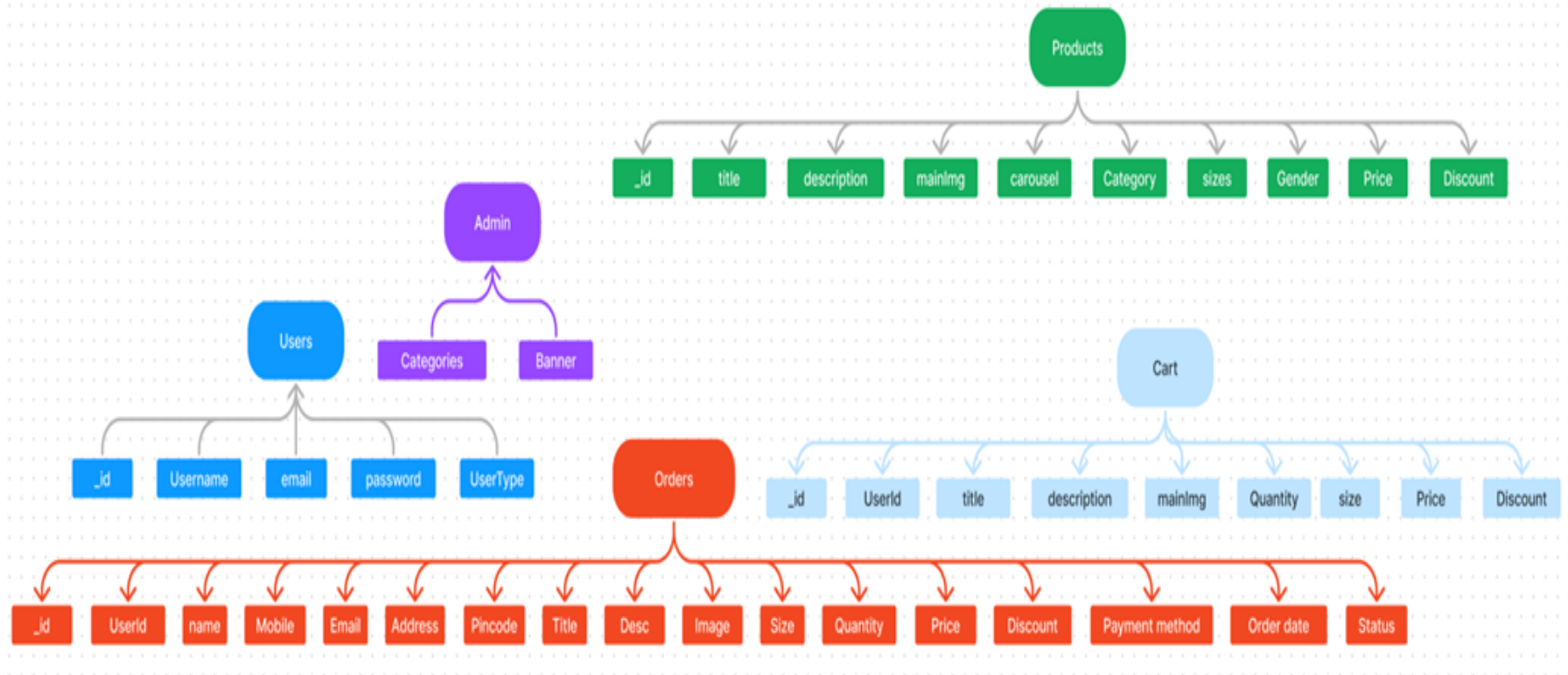
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|---------------|-------------------------------|
| Date | 22 June 2025 |
| Team ID | LTVIP2025TMID56852 |
| Project Name | ShopEZ E-Commerce Application |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of system requirements graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: DFD Level 0 (Industry Standard)

Example:



User Stories

Use the template below to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|----------------|-------------------------------|-------------------|---|--|----------|----------|
| Seller (Admin) | Registration & Login | USN-1 | As a seller, I can register and log in to manage my product listings. | I can create an account and log in securely | High | Sprint-1 |
| | Product Management | USN-2 | As a seller, I can add, edit, and delete products from my dashboard. | I can successfully manage product listings | High | Sprint-1 |
| | Order Management | USN-3 | As a seller, I can view and process customer orders from the admin panel.. | I can track and update orders placed by users | High | Sprint-2 |
| | Dashboard & Analytics | USN-4 | As a seller, I can view sales and customer activity through the dashboard. | I can view real-time order and product data | Medium | Sprint-3 |
| Buyer (User) | Product Discovery & Search | USN-1 | As a user, I can browse and search for products using filters and categories. | I can quickly find relevant products | High | Sprint 1 |
| | Cart & Checkout | USN-2 | As a user, I can add products to the cart and complete secure checkout. | I can place an order successfully | High | Sprint 1 |
| | Order Tracking | USN-3 | As a user, I can track the status of my order after purchase. | I can view live order status updates | Medium | Sprint 2 |
| | Product Recommendation | USN-4 | As a user, I receive recommendations based on my purchase and browsing history. | I see recommended products that match my interests | Low | Sprint-3 |